

Sheet 1 of 1

FORM PTO-1449 (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 500.43322X00		SERIAL NO. 10/729,925	
LIST OF DOCUMENTS CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT A. SHIMADA et al		GROUP 2181	
				FILING DATE December 9, 2003			
U.S. PATENT DOCUMENTS							
* EXAMINER INITIAL		DOCUMENT	DATE	NAME	CLASS	SUBCLASS	FILING DATE (If Appropriate)
DD	AA	6,898,672	05/24/05	Lambright et al			
	AB	2004/ 0088417	05/06/04	Bober et al			
	AC	2003/ 0115434	06/19/03	Mahalingham et al			
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EXAMINER Due Loan				DATE CONSIDERED 1/6/06			
* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

FORM PTO-1449 (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 500.43322X00	SERIAL NO. 10/729,925	
LIST OF DOCUMENTS CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT A. SHIMADA et al		
				FILING DATE December 9, 2003		
GROUP 2188						
U.S. PATENT DOCUMENTS.						
* EXAMINER INITIAL	DOCUMENT	DATE	NAME	CLASS	SUBCLASS	TRANSLATION (If Appropriate)
DD	AA 2003/ 0115218	06/2003	Bobbitt et al			
	AB 6,484,245	11/19/02	Sanada			
	AC 6,742,090	05/25/04	Sanada			
	AD 6,542,961	04/01/03	Matsunami			
	AE 6,606,695	08/12/03	Kamano			
	AF 2004/ 0153605	08/05/04	Nakamura			
	AG 2003/ 0229698	12/11/03	Furahashi			
	AH 2003/ 0120743	06/26/03	Coatney			
	AI 2003/ 0115282	06/19/03	Rose			
	AJ 2004/ 0153710	08/05/04	Fair			
	AK 6,718,481	04/06/04	Fair			
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)						
DD	AR	Swartz, K., "Multiple Volumes and Multiple RAID Groups on NetApp Fliers", Network Applcance Report TR 3027, no date, from Google cache online.				
	AS	Rangel, G., "Hitachi Freedom Storage: Thunder 9200 Architecture and Performance Configuration Guidelines", Hitachi Data Systems, 2001, pp.1-27.				
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	AE	5,973,690	10/26/99	Ofer				
	AF	6,507,896	12/14/03	Sanada				
	AG	2004/ 0168033	08/26/04	Sanada				
	AH	6,523,096	02/18/03	Sanada				
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	AG	2005/ 0172052	08/04/05	Sanada			
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DD	AA	2003/ 0009648	01/2003	Doing et al				
	AB	6,279,046	08/2001	Armstrong et al				
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	AD	6,247,109	06/2001	Kleinsorge et al				
	AE	6,021,481	02/2000	Eickemeyer et al				
	AF	6,330,653	12/2001	Murray et al				
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	AH	2002/ 0065982	05/2002	Colligan, Tom				
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U.S. PATENT DOCUMENTS

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DD	AA 6,742,034	05/2004	Schubert et al			
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	AE 2003/ 0177176	09/2003	Hirschfeld et al			
	AF 2004/ 0210591	10/2004	Hirschfeld et al			
	AG 2004/ 0215859	10/2004	Armstrong et al			
	AH 2004/ 0215860	10/2004	Armstrong et al			
	AI 2004/ 0181589	09/2004	Suleiman, Yaser I.			
	AJ 6,839,796	01/2005	Dawson et al			
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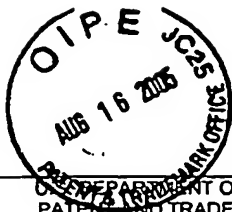
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				FILING DATE December 9, 2003	GROUP 2188		
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	AB	6,684,209	01/2004	Ito et al			
	AC	2002/ 0052914	05/2002	Zalewski et al			
	AD	2004/ 0003063	01/2004	Ashok et al			
	AE	2004/ 0212511	10/2004	Ahrens et al			
	AF	2005/ 0050085	03/2005	Shimada et al			
	AG	2003/ 0055933	03/2003	Ishizaki et al			
	AH	6,615,324	09/2003	Fernald			
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LIST OF DOCUMENTS CITED BY APPLICANT (Use several sheets if necessary)		APPLICANT A. SHIMADA et al	
		FILING DATE December 9, 2003	GROUP 2171

U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

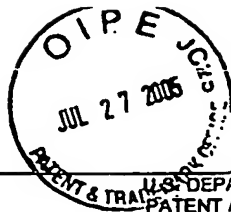
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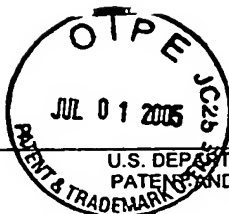
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↓	AS	Gelb, J.P., "System-Managed Storage", IBM Systems Journal, Vo. 28, No. 1, Jan. 1989, pp. 77-103.						
↓	AT	Kaczmariski, M. et al, "Beyond Backup Toward Storage Management", IBM Systems Journal, Vol. 42, No. 2, 2003, pp. 322-337.						
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500.43322X00SERIAL NO.
10/729,925LIST OF DOCUMENTS CITED BY APPLICANT
(Use several sheets if necessary)APPLICANT
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December 9, 2003GROUP
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U.S. PATENT DOCUMENTS

* EXAMINER INITIAL	DOCUMENT	DATE	NAME	CLASS	SUBCLASS	FILING DATE (if Appropriate)
DD	AA 6,148,368	11/14/00	DeKoning			
	AB 6,341,331	01/22/02	McNutt			
	AC 6,347,358	02/12/02	Kuwata			
	AD 2003/ 0196055	10/16/03	Kamano et al			
	AE 2004/ 0111557	06/10/04	Nakatani et al			
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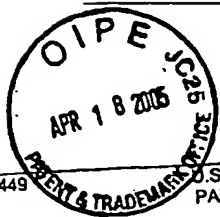
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(REV. 7-80)**LIST OF DOCUMENTS CITED BY APPLICANT**
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GROUP

U.S. PATENT DOCUMENTS

* EXAMINER INITIAL	DOCUMENT	DATE	NAME	CLASS	SUBCLASS	FILING DATE (If Appropriate)
DD	AA 6,665,786	12/16/03	McMichael et al			
	AB 6,728,836	04/27/04	Lambright et al			
	AC 6,772,287	08/03/04	Uchiyama et al			
	AD 6,851,022	02/01/05	Ikeuchi et al			
	AE 2002/ 0016812	02/07/02	Uchishiba et al			
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SD	AR	"Freedom Storage Lightning 990 V Series", User and Reference Guide, Hitachi Data Systems Corp., 2002, pp. iii-124.
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	AE 2005/ 0010722	01/13/05	Chih-Wei Chen			
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	AI 6,507,905	01/14/03	Hubacher et al			
	AJ 6,519,679	02/11/03	Devireddy et al			
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December 9, 2003

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U.S. PATENT DOCUMENTS

* EXAMINER INITIAL	DOCUMENT	DATE	NAME	CLASS	SUBCLASS	FILING DATE (If Appropriate)
DD	AA 2004/ 049564	03/11/04	Ng et al			
	AB 2004/ 0111596	06/10/04	Freeman Leigh Rawson, III			
✓	AC 2005/ 0015546	01/20/05	Zohar et al			
	AD					
	AE					
	AF					
	AG					
	AH					
	AI					
	AJ					
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FOREIGN PATENT DOCUMENTS

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

	AR		
	AS		
	AT		

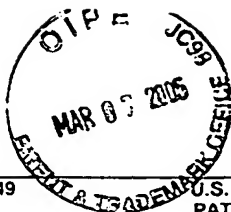
EXAMINER

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Sheet 1 of 1

FORM PTO-1449 (REV. 7-80)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 500.43322X00	SERIAL NO. 10/729,925
LIST OF DOCUMENTS CITED BY APPLICANT (Use several sheets if necessary)		APPLICANT A. SHIMADA et al	
		FILING DATE December 9, 2003	
		GROUP	

U.S. PATENT DOCUMENTS

* EXAMINER INITIAL	DOCUMENT	DATE	NAME	CLASS	SUBCLASS	FILING DATE (If Appropriate)
DD	AA 5,657,470	08/12/97	Fisherman et al			
	AB 6,275,824	08/14/01	O'Flaherty et al			
	AC 6,275,825	08/14/01	Kobayashi et al			
	AD 6,502,193	12/31/02	Barber			
	AE 2002/ 0099837	07/25/02	Oe et al			
	AF 2003/ 0023868	01/30/02	Parent			
	AG					
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FOREIGN PATENT DOCUMENTS

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

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EXAMINER DD	DATE CONSIDERED 1/6/06
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Sheet 1 of 1

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U.S. PATENT DOCUMENTS

* EXAMINER INITIAL		DOCUMENT	DATE	NAME	CLASS	SUBCLASS	FILING DATE (If Appropriate)
DD	AA	2001/ 0047487	11/29/01	Harris et al			
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
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FOREIGN PATENT DOCUMENTS

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	AP						<input type="checkbox"/>	<input type="checkbox"/>

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

DD	AR	Buck, A.L. et al, "The Storage Server as Virtual Volume Manager", IEEE Comput. Soc., April 1993, USA 26-29, pp. 79-86.
I	AS	Gelb, J.P., "System-Managed Storage", IBM Systems Journal, Vo. 28, No. 1, Jan. 1989, pp. 77-103.
✓	AT	Kaczmariski, M. et al, "Beyond Backup Toward Storage Management", IBM Systems Journal, Vol. 42, No. 2, 2003, pp. 322-337.

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Commerce (Rev. 4/92) Patent and Trademark
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ATTY. DOCKET NO.

500.43322X00

SERIAL NO.

10/729,925

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

APPLICANT

A. SHIMADA, et al

FILING DATE

December 9, 2003

GROUP

(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	6 5 0 2 1 6 2	12/02	Blumenau et al			
	6 7 1 5 0 3 1	3/04	Camble et al			
DD	2 0 0 9 5 6 0 2	7/02	Pherson et al			
	2 0 1 0 3 9 1 3	8/02	Tawil et al			
	2 0 1 0 4 0 0 8	8/02	Cochran et al			
	2 0 0 5 5 9 7 2	3/03	Fuller et al			
	2 0 1 1 5 4 4 7	6/03	Pham et al			
✓	2 0 0 6 4 7 2 9	4/04	Yelledpeddy			

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT
					YES NO

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(Form PTO-1449 [6-4])

W1283-01

INFORMATION UNDER 37 CFR 1.56(a)

(For Initial Filing)

The following references are submitted as information
to comply with the duty of disclosure under 37 CFR 1.56(a):

References	Disclosed in the specification?		Copy			Translation	
	Yes	No	Enc.	Follow	Not-enc.	Enc.	Not available
1. JP-A-2002-149599		<input type="radio"/>	<input type="radio"/>			<input type="radio"/> (only abstract)	
2. US 2002/0107810 A1 (corresponding to JP-A-2002-230189)		<input type="radio"/>	<input type="radio"/>				
3. US 2003/0014600 A1 (corresponding to JP-A-2003-30053)		<input type="radio"/>	<input type="radio"/>				
4.							
5.							

Concise explanation (relevant portions)

2/6/86